PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no Persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 0110112003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL	AMOUN	IT OF	PAYMENT
-------	-------	-------	----------------

Name (Print/Type)

John J. Karasek

(\$) 1068

Complete if Known				
Application Number	Not Yet Assigned	0		
Filing Date	02/13/04	. 23 E		
First Named Inventor	Carroll	95.8		
Examiner Name	Not Yet Assigned	72		
Art Unit	Not Yet Assigned	0/2		
Attorney Docket No.	84,775	\$ T		

Telephone (202) 404-1552

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
Check Credit card Money Other None	3. ADDITIONAL FEES			
Deposit Account:	Large Entity	Small Entity		
Deposit	Fee Fee Code (\$)	Fee Fee Description Code (\$)	Fee Paid	
Account Number 50-0281	1051 130	2051 65 Surcharge - late filing fee or oath		
Deposit Account NAVAL RESEARCH LABORATORY	1052 50	2052 25 Surcharge - late provisional filing fee or cover sheet		
Name The Commissioner is authorized to: (check ell that apply)	1053 130	1053 130 Non-English specification		
Charge fee(s) indicated below Credit any overpayments	1812 2,520	1812 2,520 For filing a request for ex parte reexamination		
Charge any additional fee(s) during the pendency of this application	1804 920*	1804 920* Requesting publication of SIR prior to Examiner action		
harge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840*	1805 1,840* Requesting publication of SIR after Examiner action		
FEE CALCULATION	1251 110	2251 55 Extension for reply within first month		
	1252 420	2252 205 Extension for reply within second month		
1. BASIC FILING FEE Large Entity Small Entity	1253 950	2253 465 Extension for reply within third month		
Fee Fee Fee Fee Pee Description Fee Paid	1254 1480	2254 725 Extension for reply within fourth month		
Code (\$) Code (\$) 1001 770 2001 375 Utility filing fee 1770 1	1255 2010	2255 985 Extension for reply within fifth month		
1002 340 2002 165 Design filing fee	1401 330	2401 160 Notice of Appeal		
1003 530 2003 260 Plant filing fee	1402 330	2402 160 Filing a brief in support of an appeal		
1004 770 2004 375 Reissue filing fee	1403 290	2403 140 Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451 1,510	1451 1,510 Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 770	1452 110	2452 55 Petition to revive - unavoidable		
· · · · · · · · · · · · · · · · · · ·	1453 1,330	2453 650 Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,330	2501 650 Utility issue fee (or reissue)		
Ex <u>tra Claims below</u> Fee Pald	1502 480	2502 235 Design issue fee		
10ta: 01011110 E-1 20 E-1 7 E-1 7	1503 640	2503 315 Plant issue fee		
Claims S S S S S S S S S S S S S S S S S S S	1460 130	1460 130 Petitions to the Commissioner		
Multiple Dependent	1807 50	1807 50 Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fee	1806 180	1806 180 Submission of information Disclosure Stmt		
Code (\$) Code (\$)	8021 40	8021 40 Recording each patent assignment per property (times number of properties)		
1202 18 2202 9 Claims in excess of 20	1809 770	2809 375 Filing a submission after final rejection		
1201 86 2201 42 Independent claims in excess of 3	4046	(37 CFR 1.129(a))		
1203 290 2203 140 Multiple dependent claim, if not paid	1810 770	2810 375 For each additional invention to be examined (37 CFR 1.129(b))		
1204 86 2204 42 Réissue independent claims over original patent	1801 770	2801 375 Request for Continued Examination (RCE)		
1205 18 2205 9 Reissue claims in excess of 20 and over original patent	1802 900	1802 900 Request for expedited examination of a design application		
SUBTOTAL (2) (\$) 298	Other fee (sp	Other fee (specify)		
**or number previously paid, if greater, For Reissues, see above	• Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0			
SUBMITTED BY (Complete (if applicable)				

Signature WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Registration No.

36,182